

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A gateway, comprising:
a first communication path to accept a short message from a short message service center;
a translation module to insert said short message into an HTTP protocol message; and
a second communication path to transmit said HTTP protocol message to at least one URL;
wherein said gateway facilitates two-way communication between a short message service device and an HTTP device.
2. (original) The gateway according to claim 1, wherein:
said HTTP protocol message is a POST message.
3. (original) The gateway according to claim 1, wherein:
said short message originated from a wireless device;
4. (original) The gateway according to claim 1, wherein:
said short message is received via an RMI callback mechanism.
5. (original) The gateway according to claim 1, wherein:
said second communication path is adapted to transmit said HTTP protocol message to a plurality of URLs.

6. (original) The gateway according to claim 1, wherein:
said second communication path accepts return results from said
URL;

said translation module inserts said return results into a short
message; and

said first communication path transmits said short message to said
short message service center.

7. (original) The gateway according to claim 6, wherein:
said return results conform to HTTP protocols.

8. (original) The gateway according to claim 6, wherein:
said first communication path transmits a SUBMIT_SM message to
said short message servicing center.

9. (currently amended) A method of communicating between a
wireless device and an application program on an Internet Protocol server,
comprising:

sending a short message from said wireless device to said Internet
Protocol server;

routing said short message using a wireless protocol message; and
conveying said short message to said Internet Protocol server
using an HTTP protocol POST message;

returning data back through an HTTP stream established with said
HTTP protocol POST message.

10. (original) The method of communicating between a wireless
device and an application program on an Internet Protocol server according to
claim 9, wherein:

said wireless protocol is SMPP.

11. (original) The method of communicating between a wireless device and an application program on an Internet Protocol server according to claim 9, wherein:

said wireless protocol is ReFlex.

12. (original) The method of communicating between a wireless device and an application program of an Internet Protocol server according to claim 9, wherein:

said SMPP protocol message is a DELIVER_SM message.

13. (original) The method of communicating between a wireless device and an application program of an Internet Protocol server according to claim 9, further comprising:

forwarding said routed short message to a gateway using an RMI callback mechanism.

14. (original) The method of communicating between a wireless device and an application program of an Internet Protocol server according to claim 9, wherein:

said short message is sent to a predefined address.

15. (original) The method of communicating between a wireless device and an application program of an Internet Protocol server according to claim 9, wherein:

said short message is conveyed to a plurality of Internet Protocol servers using respective HTTP protocol POST messages.

16. (canceled)

17. (currently amended) The method of communicating between a wireless device and an application program of an Internet Protocol server according to claim 9 ~~46~~, further comprising:

routing said return data from said HTTP stream to a short message service center using an SMPP protocol message.

18. (original) The method of communicating between a wireless device and an application program of an Internet Protocol server according to claim 17, wherein:

said SMPP protocol message is a SUBMIT_SM message.

19. (original) The method of communicating between a wireless device and an application program of an Internet Protocol server according to claim 18, further comprising:

conveying said return data from said short message service center to a wireless device using an IS-41 protocol message.

20. (currently amended) Apparatus for communicating between a wireless device and an application program on an Internet Protocol server, comprising:

means for sending a short message from said wireless device to said Internet Protocol server;

means for routing said short message using an SMPP protocol message; and

means for conveying said short message to said Internet Protocol server using an HTTP protocol POST message;

means for returning data back through an HTTP stream established with said HTTP protocol POST message.

21. (original) The apparatus for communicating between a wireless device and an application program of an Internet Protocol server according to claim 20, wherein:

said SMPP protocol message is a DELIVER_SM message.

22. (original) The apparatus for communicating between a wireless device and an application program of an Internet Protocol server according to claim 20, further comprising:

means for forwarding said routed short message to a gateway using an RMI callback mechanism.

23. (original) The apparatus for communicating between a wireless device and an application program of an Internet Protocol server according to claim 20, wherein:

said means for sending sends said short message to a predefined address.

24. (original) The apparatus for communicating between a wireless device and an application program of an Internet Protocol server according to claim 20, wherein:

said means for conveying conveys said short message to a plurality of Internet Protocol servers using respective HTTP protocol POST messages.

25. (canceled)

26. (currently amended) The apparatus for communicating between a wireless device and an application program of an Internet Protocol server according to claim 20 25, further comprising:

means for routing said return data from said HTTP stream to a short message service center using an SMPP protocol message.

27. (original) The apparatus for communicating between a wireless device and an application program of an Internet Protocol server according to claim 26, wherein:

said SMPP protocol message is a SUBMIT_SM message.

28. (original) The apparatus for communicating between a wireless device and an application program of an Internet Protocol server according to claim 27, further comprising:

means for conveying said return data from said short message service center to a wireless device using an IS-41 protocol message.

29. (currently amended) A mobile to HTTP gateway application, comprising:

an SMPP relay;

a message director to process messages from said SMPP relay;

a poster collector to obtain at least one target poster; and

a poster to convert an SMPP Message into an HTTP protocol POST message;

a poster to convert an HTTP protocol POST message into an SMPP Message.